

**We are looking for a life scientist (PostDoc, m/w/d) who shares our enthusiasm about “Fetomaternal immune priming in the context of chronic diseases” and who is eager to join the Global Health community in Germany**

### Our profile

Our team is committed to basic immunological and applied translational research in the field of neglected tropical diseases, one of the major topics in Global Health development. We are eager to align our research with the field of Developmental Origins of Health and Disease (DOHaD). One of the goals of the projects that you will be working on is to develop a better understanding of environmental factors that impact the developing immune system already in utero such as epigenetic imprinting in hematopoietic stem cells within a DFG-funded, consortium project with partners from the Global South.

### Your profile

- PhD degree in Immunology, Biology, Biochemistry or Molecular Biotechnology with outstanding competencies in the field of basic and/or translational immunology
- Intense knowledge of multidimensional FACS analyses incl. usage of basic bioinformatics tools
- Work experience in mouse models preferable
- Enthusiasm for translational science embedded in the Global Health arena
- Excellent team spirit, presentation, and communication skills

### Your tasks

- Refinement of multidimensional FACS analysis pipeline (Cytoflex, CyTek) mainly of human (cord) blood cells
- Develop ssRNA/ATACSeq analyses pipelines (in-house collaboration and with Z platform/CRC355)
- Develop immunology teaching modules for collaboration partners in the Global South
- Development of new proposals as well as clinical studies with our clinical partners at TUM university hospital
- Supervision of PhDs and MScs working on topics of fetomaternal immune priming
- Contribution to all Center for Global Health activities (e.g. workshop organization, reviews)

### We offer

- Ambitious and innovation oriented team committed to Infection and Immunology research in Global Health
- Close collaboration with in house medical microbiology and parasitology department, the German Centre for Infection Research TTU “Malaria and Neglected Tropical Diseases”
- Well-equipped laboratory in our institute close to Munich city center
- Full time position as scientist / PostDoc (m/w/d) from August 1<sup>st</sup> 2024
- The position is currently secured for 36 months (salary according to TV-L) with the perspective of extension

### Application

Are you excited to secure your position in research in Global Health?

Great! We are looking forward to your email application until **30<sup>th</sup> of Sept 2024**

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Visit us at: <http://www.mikrobio.med.tu-muenchen.de/>

Further questions? Please do not hesitate to contact us. We are happy to receive your email with your CV, a motivation letter and your certificates!

TUM seeks to increase the portion of female employees. Qualified females are, therefore, explicitly encouraged to apply. Severely disabled persons with essentially comparable qualifications will be preferentially hired.